

Date: Thursday, 12/13/2007 2:38:55 PM
 User: Kim Johnston

Process Sheet

Customer	CU-DAR001 Dart Helicopters Services	Drawing Name	SADDLE FITTING, FWD (OUTBOARD/INBOARD)				
Job Number	36323	Part Number	D2572				
Estimate Number	10531	Drawing Number	D2572 REV E				
P.O. Number	:	Project Number	N/A				
This Issue	12/13/2007	S.O. No.					
Prsht Rev:	NC	Type	MACHINED PARTS				
First Issue	/ /	Material					
Previous Run	35932	Due Date	1/10/2008	Qty:	16		
Written By	12/07/12 13					Um:	Each
Checked & Approved By							
Comment	Est: 1 02.10.02 Re-format; Change to Dwg Rev. D & incorporated D2572 KJ						

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :	
1.0	D6101005	7075-T7351 8.25X5.0X2.5	
Comment: Qty.: 1.0000 Each(s)/Unit Total : 16.0000 Each(s) 7075-T7351 8.25X5.0X2.5 Make from D6101-005 billet for D2572 Ensure that grain is along 5.00" length Batch No: <u>B31388</u> SF 08/01/14			
2.0	HAAS1	HAAS CNC VERTICAL MACHINING #1	
Comment: HAAS CNC VERTICAL MACHINING #1 Program Batch No: <u>36323</u> Double check by: <u>36323</u> 1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets 4-Deburr and remove all machining marks 5-Tumble to remove sharp edges. DJP/361 SF 08/01/14			
3.0	MILLING CONV.	CONVENTIONAL MILLING MACHINE	
Comment: CONVENTIONAL MILLING MACHINE Machine keyway as per dwg D2571 & D2572 36/36/08/01/20			
4.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE	
Comment: INSPECT PARTS AS THEY COME OFF MACHINE 36/36/08/01/20			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: D2572 PAR #: N/A Fault Category: Prod - manu. NCR: Yes No DQA: lh Date: 08.01.25
 QA: N/C Closed: lh Date: 08.01.28

NCR: 36323		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			
08/01/14	20	2 orig: - was off by .125" human error first time doing saddle set up.	lh 08/01/15	Scrap and Destroy and replace. Qty <u>1</u> BB 83/588 <u>36323</u>	8.1 08/01/14 lh 08/01/15		lh 08/01/15	08/01/14

NOTE: Date & initial all entries

Date: Thursday, 12/13/2007 2:38:55 PM
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Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SADDLE FITTING, FWD (OUTBOARD/INBOARD)

Job Number: 36323

Part Number: D2572

Job Number:



Seq. #: Machine Or Operation:

Description :

5.0 QC8

SECOND CHECK



Comment: SECOND CHECK

JK 08/01/22

6.0 HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

JK

08-01-22 (16)

7.0 POWDER COATING

POWDER COATING



M106379

(16)

Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

JK

08/01/22

8.0 QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

JK

08-01-23

(X16)

9.0 PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST432

JK 08/01/24

(X16)

10.0 QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

JK 08-01-25

Job Completion



JK 08-01-24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD				Work Order:	36323
Description: Saddle, Fwd Inboard				Part Number:	D2572
Inspection Dwg: D2572 Rev. E				Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2572 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.438	0.443	DT8682	.441	.440	.440	.440		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		7.997	8.000	8.000	8.000		
F	0.490	0.510		.500	.495	.490	.491		
G	0.257	0.262	DT8683	.258	.258	.258	.258		
H	0.375	0.380	DT8684	.376	.376	.376	.376		
I	0.490	0.510		.505	.503	.503	.503		
J	1.174	1.184		1.180	1.179	1.179	1.179		
K	0.558	0.578		.568	.570	.570	.570		
L	1.174	1.184		1.180	1.179	1.179	1.179		
M	1.490	1.500		1.500	1.495	1.495	1.495		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.871	3.874	3.874	3.874		
P	0.115	0.135		.128	.129	.129	.129		
Q	0.115	0.135		.135	.135	.135	.135		
R	0.240	0.260		.251	.250	.250	.250		
S	0.115	0.135		.135	.128	.128	.128		
T	0.178	0.198		.184	.188	.188	.188		
U	2.940	2.980		2.960	2.960	2.960	2.960		
V	0.230	0.250		.240	.240	.240	.240		
W	0.115	0.135		.135	.125	.125	.125		
X	0.307	0.312		.310	.310	.310	.310		
Y	0.760	0.765		.766	.764	.764	.764		
Z	0.352	0.372		.367	.367	.367	.367		
AA	0.470	0.530		.520	.500	.500	.500		
AB	0.615	0.635		.628	.635	.635	.635		
AC	0.053	0.073		.063	.063	.063	.063		
AD	0.240	0.260		.260	.244	.244	.244		
AE	1.375	1.395		1.386	1.386	1.386	1.386		
AF	0.115	0.135		.128	.130	.130	.130		
AG	0.240	0.280		.261	.250	.250	.250		
AH	0.240	0.260		.250	.250	.250	.250		
AI	2.000	2.020		2.001	2.005	2.005	2.005		
AJ	0.023	0.043		.033	.033	.033	.033		
Accept/Reject									

Measured by: 8F
Date: 08/01/14

Audited by: 5A
Date: 08/07/22

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	2A JLM

DART AEROSPACE LTD				Work Order:	36323
Description: Saddle, Fwd Inboard				Part Number:	D2572
Inspection Dwg: D2572 Rev. E				Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2572 Rev. E and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				5"	6"	7"	8"		
A	0.438	0.443	DT8682	.441	.441	.441	.441		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.004	8.002	8.002	8.002		
F	0.490	0.510		.502	.502	.504	.503		
G	0.257	0.262	DT8683	.258	.258	.258	.258		
H	0.375	0.380	DT8684	.376	.376	.376	.376		
I	0.490	0.510		.500	.500	.500	.500		
J	1.174	1.184		1.180	1.180	1.180	1.180		
K	0.558	0.578		.568	.568	.568	.568		
L	1.174	1.184		1.180	1.180	1.180	1.180		
M	1.490	1.500		1.495	1.495	1.495	1.495		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.874	3.874	3.874	3.874		
P	0.115	0.135		.125	.125	.125	.125		
Q	0.115	0.135		.125	.125	.125	.125		
R	0.240	0.260		.250	.250	.250	.250		
S	0.115	0.135		.125	.125	.125	.125		
T	0.178	0.198		.188	.188	.188	.188		
U	2.940	2.980		2.960	2.960	2.960	2.960		
V	0.230	0.250		.240	.240	.238	.240		
W	0.115	0.135		.131	.131	.131	.131		
X	0.307	0.312		.310	.310	.310	.310		
Y	0.760	0.765		.760	.760	.760	.760		
Z	0.352	0.372		.364	.360	.364	.364		
AA	0.470	0.530		.500	.500	.500	.500		
AB	0.615	0.635		.630	.630	.634	.630		
AC	0.053	0.073		.063	.063	.063	.063		
AD	0.240	0.260		.250	.250	.250	.250		
AE	1.375	1.395		1.385	1.385	1.385	1.385		
AF	0.115	0.135		.125	.125	.125	.125		
AG	0.240	0.280		.260	.260	.260	.260		
AH	0.240	0.260		.250	.250	.250	.250		
AI	2.000	2.020		2.000	2.000	2.006	2.000		
AJ	0.023	0.043		.033	.033	.033	.033		
Accept/Reject									

Measured by: SF
Date: 08/01/17

Audited by: SD
Date: 08/07/22

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	<u>SD</u> <u>JLM</u>

DART AEROSPACE LTD				Work Order:	36323
Description: Saddle, Fwd Inboard				Part Number:	D2572
Inspection Dwg: D2572 Rev. E				Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2572 Rev. E and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				91	102	13	124		
A	0.438	0.443	DT8682	441	441	0.441	441		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.500	3.500	3.500		
D	1.745	1.755		1.750	1.710	1.750	1.750		
E	7.990	8.010		8.000	8.000	8.000	8.00		
F	0.490	0.510		.501	.501	.503	.504		
G	0.257	0.262	DT8683	.258	.258	.258	.258		
H	0.375	0.380	DT8684	.376	.376	.376	.376		
I	0.490	0.510		.505	.505	.502	.502		
J	1.174	1.184		1.180	1.180	1.180	1.180		
K	0.558	0.578		.570	.570	.570	.570		
L	1.174	1.184		1.180	1.180	1.180	1.180		
M	1.490	1.500		1.495	1.495	1.495	1.495		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.874	3.874	3.874	3.874		
P	0.115	0.135		.125	.125	.125	.125		
Q	0.115	0.135		.135	.135	.135	.135		
R	0.240	0.260		.250	.250	.250	.250		
S	0.115	0.135		.127	.127	.127	.127		
T	0.178	0.198		.188	.188	.188	.188		
U	2.940	2.980		2.960	2.960	2.962	2.962		
V	0.230	0.250		.236	.236	.240	.240		
W	0.115	0.135		.125	.125	0.127	.127		
X	0.307	0.312		.310	.310	.311	.311		
Y	0.760	0.765		.760	.760	.760	.760		
Z	0.352	0.372		.364	.364	.364	.364		
AA	0.470	0.530		.500	.500	.500	.500		
AB	0.615	0.635		.630	.630	.629	.629		
AC	0.053	0.073		.063	.063	.063	.063		
AD	0.240	0.260		.250	.250	.250	.250		
AE	1.375	1.395		1.381	1.381	1.381	1.381		
AF	0.115	0.135		.130	.130	.130	.130		
AG	0.240	0.280		.260	.260	.260	.260		
AH	0.240	0.260		.250	.250	.252	.250		
AI	2.000	2.020		2.000	2.000	2.000	2.000		
AJ	0.023	0.043		.033	.033	0.033	0.033		

Accept/Reject

Measured by: 81
Date: 08/01/17

Audited by: S1
Date: 08/01/22

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM <u>28</u>	<u>301</u>

DART AEROSPACE LTD				Work Order:	36323
Description: Saddle, Fwd Inboard				Part Number:	D2572
Inspection Dwg: D2572 Rev. E				Page 1 of 1	

*Inspect dimensions highlighted on inspection sheet drawing D2572 Rev. E and record below:

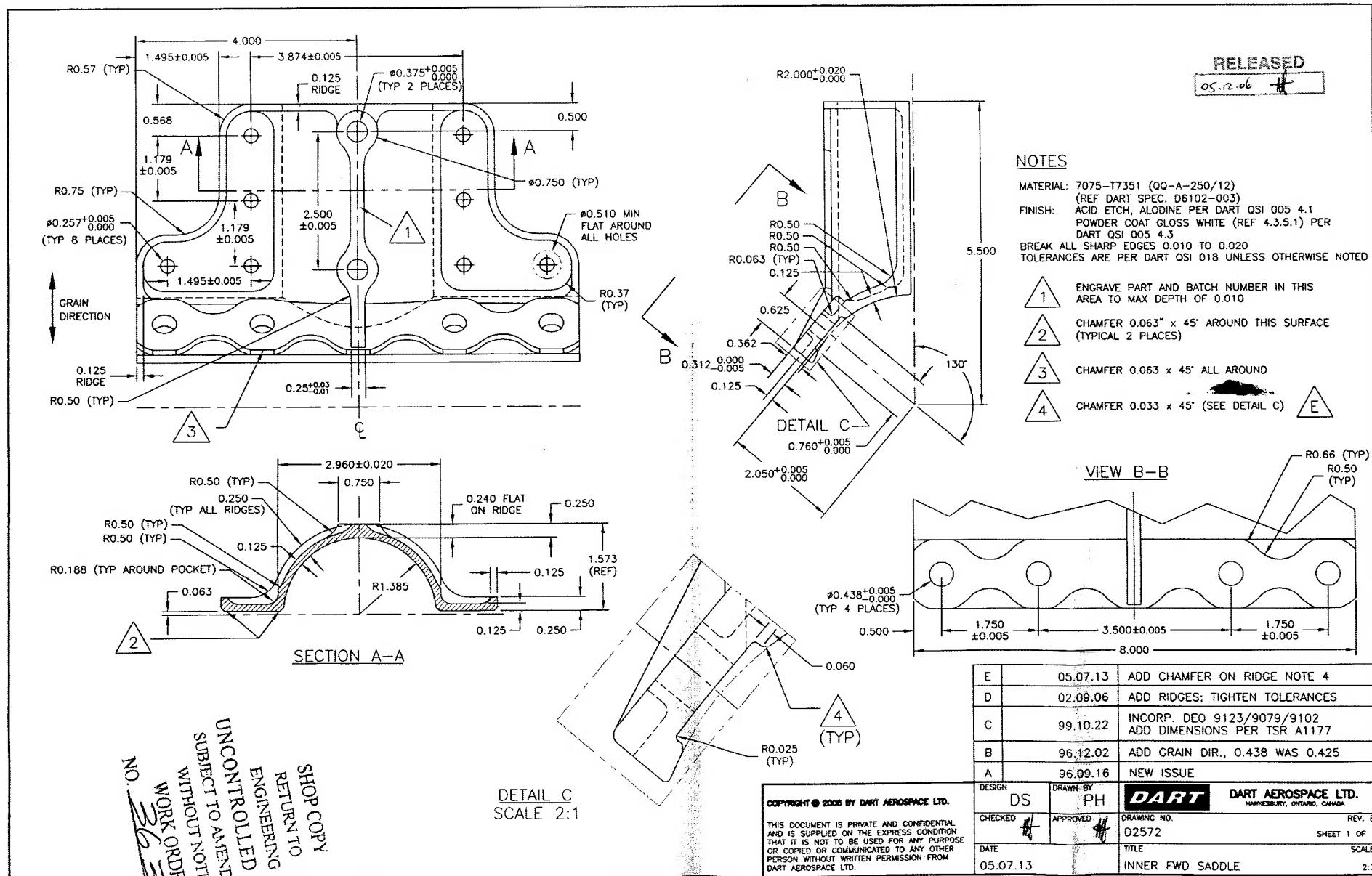
Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				13	14	15	16		
A	0.438	0.443	DT8682	.441	0.441	.441	0.441		
B	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.500	3.600	3.500	3.500		
D	1.745	1.755		1.750	1.750	1.750	1.750		
E	7.990	8.010		8.000	8.00	8.00	8.000		
F	0.490	0.510		.501	.501	0.500	0.5000		
G	0.257	0.262	DT8683	.258	.258	0.260	0.260		
H	0.375	0.380	DT8684	.377	.377	0.377	0.377		
I	0.490	0.510		.501	.501	0.501	0.501		
J	1.174	1.184		1.180	1.180	1.180	1.180		
K	0.558	0.578		.568	.568	0.568	0.568		
L	1.174	1.184		1.180	1.18	1.180	1.180		
M	1.490	1.500		1.500	1.500	1.500	1.500		
N	2.495	2.505		2.500	2.500	2.500	2.500		
O	3.869	3.879		3.874	3.874	3.874	3.874		
P	0.115	0.135		.125	.126	.126	0.126		
Q	0.115	0.135		.135	.135	.135	0.135		
R	0.240	0.260		.250	.250	.250	0.250		
S	0.115	0.135		.125	.125	.125	0.125		
T	0.178	0.198		.188	.188	.188	0.188		
U	2.940	2.980		2.962	2.962	2.962	2.962		
V	0.230	0.250		0.240	0.240	0.240	0.240		
W	0.115	0.135		0.124	.124	.125	0.125		
X	0.307	0.312		0.310	.310	.310	0.310		
Y	0.760	0.765		.760	.760	.760	0.760		
Z	0.352	0.372		.364	.364	.364	0.364		
AA	0.470	0.530		.500	.500	.500	0.500		
AB	0.615	0.635		.630	.630	.630	0.630		
AC	0.053	0.073		.063	.063	.063	0.063		
AD	0.240	0.260		.250	.250	.250	0.250		
AE	1.375	1.395		1.385	1.385	1.385	1.385		
AF	0.115	0.135		0.135	.135	.135	0.135		
AG	0.240	0.280		.260	.260	.260	0.260		
AH	0.240	0.260		.250	.25	.250	0.250		
AI	2.000	2.020		2.000	2.0	2.00	2.000		
AJ	0.023	0.043		.033	.033	.033	0.033		

Accept/Reject

Measured by: S-F
Date: 08/01/18

Audited by: SJ
Date: 08/01/22

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	<u>SJ</u>



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 DART AEROSPACE LTD.

DESIGN	DRAWN BY	DART AEROSPACE LTD. HAWKSBURY, ONTARIO, CANADA
DS	PH	
CHECKED	APPROVED	DRAWING NO. D2572
		REV. E
		SHEET 1 OF 1
DATE		SCALE
05.07.13		2:3
		TITLE
		INNER FWD SADDLE